

F. C. Meyer, Ice Pitcher.

N^o 49,351.

Patented Aug 8, 1865.

Fig. 1

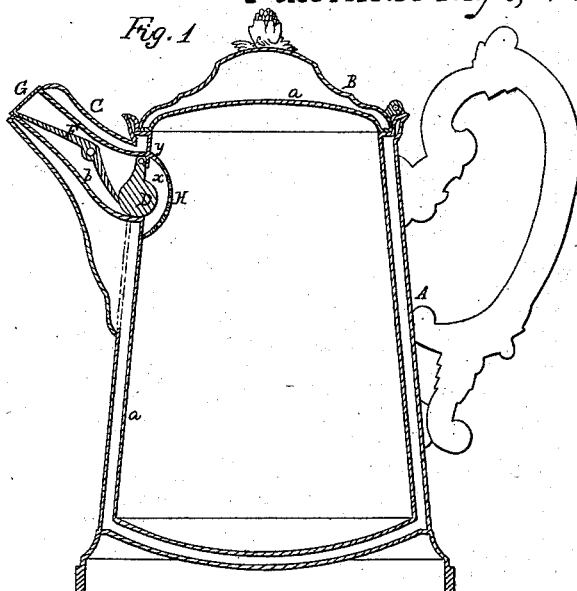


Fig. 3

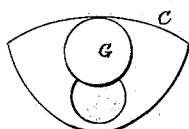
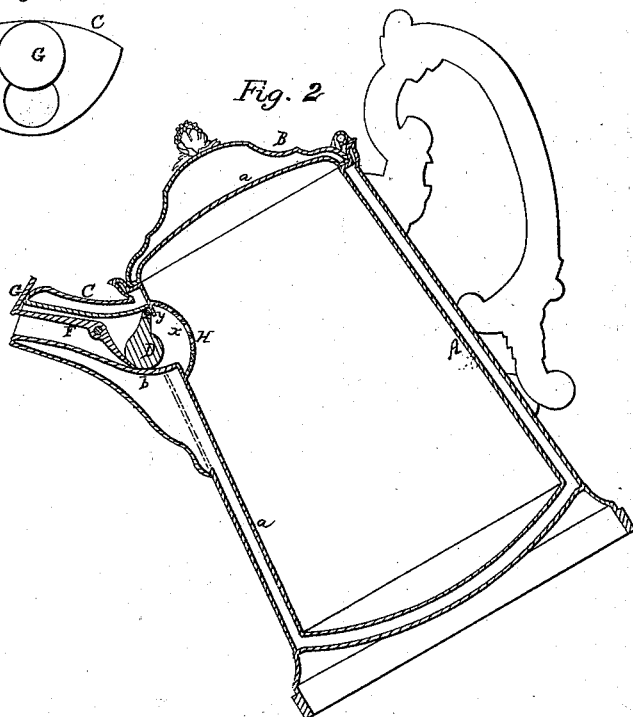


Fig. 2



Witnesses:

Wm. Albert Steel,
Chas. B. Trice

Inventor:

F. C. Meyer
By his attorney
H. C. Korman
per C. B. Trice

UNITED STATES PATENT OFFICE.

FREDERICK C. MEYER, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR TO
ERNESTINE MEYER, OF SAME PLACE.

ICE-PITCHER.

Specification forming part of Letters Patent No. 49,351, dated August 8, 1865.

To all whom it may concern:

Be it known that I, FREDERICK C. MEYER, of Philadelphia, Pennsylvania, have invented an Improved Ice-Pitcher; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

My invention consists of a valve adapted to the spout and operated by a weight, substantially as described hereinafter, so that when the pitcher is tilted there may be an unobstructed opening for the discharge of the water, and when the pitcher is placed in a vertical position the spout may be effectually closed and the access of dust, &c., prevented.

In order to enable others skilled in the art to make my invention, I will now proceed to describe the manner of constructing the same.

On reference to the accompanying drawings, which form a part of this specification, Figures 1 and 2 are sectional elevations of an ice-pitcher with my improvement, and Fig. 3 a detached view of part of the same drawn to an enlarged scale.

A is the body of the pitcher, and B the lid, both having the usual inner lining, *a*, between which and the outer casing is a space, which may be filled with any suitable non-conducting material.

The spout is composed of the exterior portion, C, and the interior tube, *b*, the former being a continuation of the outer casing of the pitcher and the tube *b* being a continuation of the lining, and the said tube being so inclined that when the pitcher is in the position shown in Fig. 1 the water in the tube will be returned to the pitcher through the opening *x*.

A weight, D, is suspended loosely within the tube to a pin, *y*, and bears against the inner end of a lever, F, which is hung to a pin, *z*, the front end of the lever being secured to the lower edge of a valve, G, which covers the opening in the spout.

The usual perforated plate or sieve, H, is secured to the lining *a* over the opening *x*.

In ordinary ice-pitchers the spout consists of a simple curved tube without any outer casing, the spout being provided with a valve to close the opening when the pitcher is in the position shown in Fig. 1, so that after water has been poured out and the pitcher is brought to a vertical position a portion of the water remains in the spout, and this water soon becomes warm and is the first to be discharged when a supply of water is again poured from the pitcher. In some instances, also, lids or caps have been hinged to the outer end of the spout. These lids, however, obstruct the opening and cause the water to be distributed laterally in such a manner as to scatter and waste the same.

Water cannot remain in the spout of my improved pitcher after the latter has been placed in a vertical position; nor can the spout become warm and impart its heat to the water passing through it. As the pitcher is tilted forward the weight D, bearing against the inner arm of the lever F, depresses the same and raises the outer end of the lever and the valve G to the position shown in Figs. 2 and 3, so that the opening is perfectly free and unobstructed. As the pitcher is again brought to a vertical position the water in the spout is returned to the pitcher, and the outer end of the lever F and the valve G, owing to the weight D, are depressed and the opening of the spout closed, so as to prevent the access of dust, &c., to the interior of the pitcher.

I claim as my invention and desire to secure by Letters Patent—

The valve G, adapted to the spout and operated by the weight D through the lever F or its equivalent, all substantially as and for the purpose herein set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

FREDER. C. MEYER.

Witnesses:

JOHN WHITE,
W. J. R. DELANY.